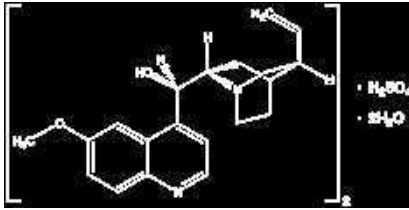


**QUININE SULFATE DIHYDRATE**

QU0095 Quinine sulfate dihydrate, extra pure, Pharmpur®, Ph Eur, BP, USP



- Synonyms: Quinamm, Quine, Quinate, Quinsam
- $(C_{20}H_{24}N_2O_2)_2 \cdot H_2SO_4 \cdot 2H_2O$
- M = 782,94 g/mol
- CAS [6119-70-6]
- EINECS-No.: 212-359-2
- Solub. in water: (20 °C): ~ 1,2 g/l
- Melting point: 233 - 235 °C
- GHS-signal word: Warning
- GHS-H sentences: H302 - H312 - H332
- GHS-P sentences: P261 - P280 - P322 - P304 + P340 - P363 - P501a
- Tariff number: 2939 21 00 00
- Applications: in the pharmaceuticals industry, bactericide, antiseptic, in food industry, in pharma industry.

assay (titration with  $HClO_4$ , on dried sample) . . . . . 99,0 - 101,0 %  
 identification . . . . . passes test  
 appearance of solution . . . . . passes test  
 pH (1 %,  $H_2O$ ) . . . . . 5,7 - 6,6  
 specific rotation ( $[\alpha]_{25}^D$ , c = 2, HCl 0,1 M) . . . . . - 235° - - 245°  
 specific rotation ( $[\alpha]_{20}^D$ , c = 2, HCl 0,1 M, on dried sample) . . . . . - 237° - - 245°  
 chloroform-alcohol-insoluble substances . . . . . max. 0,1 %  
 limit of dihydroquinine sulfate . . . . . max. 10,0 %  
 organic impurities . . . . . passes test  
 other cinchona alkaloids . . . . . passes test  
 residue on ignition . . . . . max. 0,1 %  
 loss on drying (105°C) . . . . . 4,0 - 5,0 %  
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
QU00950025	25 g	0

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z

# Scharlab Reader App QR



Scharlab Reader App lets you obtain technical documents and mini safety labels by simply scanning the QR code on your Scharlau bottle.

Instantly, any time (24/7), users can download mini safety labels, Certificates of Analysis (CoA), Technical Data Sheets (TDS) and Safety Data Sheets (SDS) for their products.

